

## Certificate of Analysis

Date of Testing: 2023-01-04 09:38:56  
Date of Next Testing: 2027-01-03 09:38:56  
Product Name: **Guanidine Hydrochloride**  
CAS Number: 50-01-1  
Specifications & Purity: 99% biotechnology grade  
Lot #: L2214302  
SKU #: **G492648**  
**Analysis:** **168855**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	99-100 (%)	99.38 %
Appearance(G492648)	White Solid, Powder, Crystals and/or Chunks	White Solid, Powder, Crystals and/or Chunks
Solubility in Water,6M in H2O 286g to 500ml ,Colorless	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager